

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for a structure, said system for a structure comprising:

a server including a first wireless communication port;

a portable fob including a second wireless communication port, a user input device and a display; and

a plurality of sensors, each of said sensors sensing information and including a third wireless communication port, which sends said sensed information to the first wireless communication port of said server, said server sending said sensed information for at least one of said sensors from the first wireless communication port of said server to the second wireless communication port of said portable fob, said portable fob displaying said sensed information for at least one of said sensors at the display of said portable fob,

wherein said server further includes a processor, which detects a state change of the sensed information of one of said sensors, and which sends said state change of the sensed information from the first wireless communication port of said server to the second wireless communication port of said portable fob, and

wherein said portable fob receives said state change of the sensed information from the second wireless communication port and responsively drives said display.

2. (Previously Presented) The system for a structure of Claim 1 wherein the display of said portable fob includes a graphical capability.

3. (Previously Presented) The system for a structure of Claim 1 wherein the display of said portable fob includes a plurality of graphical objects; and wherein the user input device of said portable fob is a single rotary switch, which is employed to select one of the graphical objects of said display.

4. (Previously Presented) The system for a structure of Claim 3 wherein said rotary switch is adapted to be pushed to select said one of the graphical objects.

5. (Previously Presented) The system for a structure of Claim 1 wherein the display of said portable fob includes a plurality of representations of at least some of said sensors; wherein the user input device of said portable fob selects one of said representations; and wherein the display of said portable fob responsively displays said sensed information for a corresponding one of said sensors.

6. (Previously Presented) The system for a structure of Claim 1 wherein said sensors and said server employ bi-directional wireless communication links between said third wireless communication ports and said first wireless communication port; and wherein said sensors include a routing function in some of said sensors to communicate with said server through other ones of said sensors.

7. (Previously Presented) The system for a structure of Claim 6 wherein said server, said portable fob and said sensors employ bi-directional wireless communication links between said first wireless communication port, said second wireless communication port and said third wireless communication port; and wherein said portable fob and said sensors include a routing function in which said portable fob and some of said sensors communicate with said server through other ones of said sensors.

8. (Previously Presented) The system for a structure of Claim 1 wherein said server is adapted to communicate with one of a telephone line, a cellular telephone, a global communication network, a local area network, and a pager as another user interface.

9. (Previously Presented) The system for a structure of Claim 1 wherein said portable fob is adapted to be worn by a user.

10. (Previously Presented) The system for a structure of Claim 1 wherein said portable fob is adapted to be carried by a user.

11. (Previously Presented) The system for a structure of Claim 1 wherein said portable fob is adapted to be placed on a household object.

12. (Previously Presented) The system for a structure of Claim 1 wherein said portable fob is adapted to be attached to a household object.

13. (Currently Amended) The system for a structure of Claim 1 wherein said portable fob is adapted to configure said at least one of said sensors for at least one of: a sensor name and an alert as a function of said sensed information for at least one of said ~~sensors-communication with said server.~~

14. (Currently Amended) The system for a structure of Claim 1 wherein said portable fob is adapted to configure said portable fob for communication with said server responsive to input from said user input device.

15. (Previously Presented) The system for a structure of Claim 1 wherein said server is a headless base station.

16. (Previously Presented) The system for a structure of Claim 1 wherein said server is a network coordinator for said sensors and said portable fob.

17. (Previously Presented) The system for a structure of Claim 1 wherein said server, said portable fob and said sensors form an IEEE 802.11 wireless local area network.

18. (Previously Presented) The system for a structure of Claim 1 wherein said server, said portable fob and said sensors form an IEEE 802.15.4 wireless personal area network.

19. (Canceled)

20. (Currently Amended) The system for a structure of Claim 1 [19] wherein said portable fob further includes a processor, which receives said state change from the second wireless communication port and which responsively drives said display.

21. (Previously Presented) The system for a structure of Claim 20 wherein said portable fob further includes an alert device; and wherein the processor of said portable fob responsively drives said alert device in response to said state change.

22. (Previously Presented) The system for a structure of Claim 21 wherein said alert device is one of an audible device, a visual device and a vibratory device.

23. (Currently Amended) A system for a structure, said system for a structure comprising:

a server including a first wireless communication port;

a portable fob including a second wireless communication port, a user input device and a display; and

a plurality of sensors, each of said sensors sensing information and including a third wireless communication port, which sends said sensed information to the first wireless communication port of said server, said server sending said sensed information for at least one of said sensors from the first wireless communication port of said server to the second wireless communication port of said portable fob, said portable fob displaying said sensed information for at least one of said sensors at the display of said portable fob,

wherein said server further includes a processor, which detects a state change of one of said sensors, and which sends said state change from the first wireless communication port to the second wireless communication port of said portable fob,

wherein said portable fob further includes a processor, which receives said state change from the second wireless communication port and which responsively drives said display,

wherein said portable fob further includes an alert device,

wherein the processor of said portable fob responsively drives said alert device in response to said state change,

~~The system for a structure of Claim 21~~ wherein said alert device includes a first backlight for said display and a second backlight for said display; and wherein the processor of said portable fob responsively drives one of said first and second backlights in response to said state change.

24. (Previously Presented) The system for a structure of Claim 1 wherein said sensors periodically send said sensed information to the first wireless communication port of said server; and wherein said portable fob periodically requests and receives said sensed information for said sensors between the first and second wireless communication ports.

25. (Previously Presented) The system for a structure of Claim 24 wherein the display of said portable fob includes a plurality of graphical objects corresponding to the received sensed information for said sensors.